

LCD 43" Midrange Large Format Display

NEC MultiSync® C431



Seamless integration for great visual performance

Its thin bezel and super slim design perfectly complements today's modern surroundings whilst multiple display inputs support flexibility and freedom. With fixing points conveniently located on the back of the screen, external equipment can be attached with seamless simplicity. Reasonable brightness levels offer visibility in controlled light surroundings. The professional haze filter is allowing excellent readability. Landscape and portrait capability matches the needs of both corporate huddle spaces and retail signage applications. With a built-in media player, the NEC C Series runs content directly from a USB drive or microSDHC card as a standalone solution but can also download contents via network. Futureproof connectivity handles input from multiple sources. Don't let technology impact design – get seamless integration with the NEC C Series!

Benefits

FullHD LCD technology – eye-pleasing black levels and impressive contrast ratios for ergonomic viewing and less fatigue in conferencing scenarios.

All-in-one Signage solution integrated – the integrated media player for simple signage use supports easy content playback and management.

Mission-critical 24/7 ready operation – the meticulous selection of industrial-grade components and careful design focused on demanding usage scenarios accompany an impressive and continuous viewer experience.

Ease of use and operation – smart installation, operation and maintenance functionality ensures accurate performance over the entire lifetime of the display saving time, effort and resources.

Free Download of Multi-Display Management Software – with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.

Specifications

Product Information

Product Name

NEC MultiSync® C431

Product Group

LCD 43" Midrange Large Format Display

Order Code

60004236

Display

Panel Technology

AMVA3 with Edge LED backlights

Active Screen Area (W x H) [mm]

941 x 529

Screen Size [inch/cm]

43 / 107.9

Brightness [cd/m²]

500, 280 Eco (shipment setting)

Contrast Ratio (typ.)

4000:1

Viewing Angle [°]

178 / 178 (at contrast ratio > 10:1)

Colour Depth [bn]

1.073 (10bit)

Response Time (typ.) [ms]

8 (grey-to-grey)

Haze Level [%]

Pro (44)

Supported Orientation

Face Up ¹; Landscape; Portrait

Resolution

Native Resolution

1920 x 1080

Supported Resolutions

1024 x 768;	1280 x 960;	1680 x 1050;
1280 x 1024;	1360 x 768;	1920 x 1080;
1280 x 720;	1400 x 1050;	1920 x 1200;
1280 x 768;	1440 x 900;	800 x 600
1280 x 800;	1600 x 1200;	

Synchronisation Rate

Horizontal Frequency [kHz]

31.5 - 91.1 (analog and digital)

Vertical Frequency [Hz]

24 - 85

Connectivity

Input Video Analogue

1 x VGA

Input Video Digital

1 x DisplayPort (with HDCP); 3 x HDMI (with HDCP)

Input Audio Analogue

2 x 3,5 mm jack

Input Audio Digital

1 x DisplayPort; 3 x HDMI

Input Control

1 x LAN 100Mbit; 1 x Remote Control (3.5 mm jack); 1 x RS232

Input Data

1 x microSD (MediaPlayer); 1 x USB 2.0 (MediaPlayer)

Output Audio Analogue

1 x 3,5 mm jack

Output Control

remote control wire (3,5mm jack)

Sensors

Ambient Light Sensor

Integrated, triggered actions programmable

Temperature Sensor

Integrated, 3 sensors, triggered actions programmable

Electrical

Power Consumption [W]

50 shipping

Power Savings Mode [W]

< 0.5; < 2 (Networked Standby)

Power Management

VESA DPMS

Environmental Conditions

Operating Temperature [°C]

+0 to +40

Operating Humidity [%]

20 to 80

Mechanical

Dimensions (W x H x D) [mm]

971 x 559 x 45

Weight [kg]

12.5

Bezel Width [mm]

12.4 (left/right); 12.4 (top/bottom)

VESA Mounting [mm]

300 x 300 (FDMI); 4 holes; M6

Ingress Protection

IP5X (front); IP2X (back)

MediaPlayer

Supported File Storage / File System

MicroSDHC / FAT16, FAT32; USB 2.0 / FAT16, FAT32

Supported Image Formats

JPG (baseline, progressive, RGB, CMYK); max. resolution 5000 x 5000; PNG (interlace, alpha channel); max. resolution 4000 x 4000

Supported Video Formats

MP4 / MOV / FLV (video H.264, audio MP3, AAC); max. resolution 1080p at 30 Hz, 1080i at 60 Hz; MPG (video mpeg1/2, audio mpeg audio layer2/3, AAC-LC); MP @ ML, MP @ HL; WMV (video H.264, wmv advanced L3, wmv simple / main, audio mp3 wmv std); max. resolution 1080p at 30 Hz, 1080i at 60 Hz

Supported Audio Formats

MP3 (MP3); max. bit-rate 320 kBit/s; WAV (LPCM); max. 48 kHz sampling

Available Options

Accessories

Feet (ST-401); Trolley (PDMHM-L); Wall mount (PDW C L and P, PD02W T M L, PD03W T M P)

Regulatory

Safety and Ergonomics

CE; EMC Class B; FCC; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI

Pixel Failure Class

ISO 9241-307, Class 2

Green Features

Energy Efficiency

Ambient light sensor; Carbon savings meter; Energy consumption: 68 kWh/1000 h; Energy efficiency class: G

Ecological Materials

Manuals on CD; Optional feet

Ecological Standards

EnergyStar 8.0

Additional Features

Special Characteristics

Ambient Light Sensor; AMX NetLinx Support; ASCII Control Commands; Automated Email Alert; CEC Support; Crestron Connected Support; Crestron RoomView Support; Display Browser Control; Emergency Notification; Full System Scheduler; KeyGuide; MediaPlayer with Browser Control; NaViSet Administrator 2 - free download; OmniColor Control; OSD rotation for portrait mode; PJLink Support; Powered USB-Port; Removable Logo; Secure Mode Operation; Slim LED Indicator; SNMP Support; TileMatrix (10 x 10)

Colour Versions

Black Front Bezel, Black Back Cabinet

Audio

Integrated Speakers (10 W + 10 W)

Shipping Content

CD-ROM (User Guides/Manuals); Display; HDMI Cable; Power Cable; Remote Control

Warranty

3 years warranty incl. backlight; additional services available

Operating Hours

24/7

¹ adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support



VCCI



RoHS



TÜV GS



CE

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